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In the United States Patent and Trademark Office

Applicant:

Hannong Rhim et al.

Docket No.:

17584

Serial No.:

10/647,008

Group No.:

1771

Confirmation No.:

1464

Examiner:

Unknown

Filed:

August 22, 2003

For:

STRETCHABLE NONWOVEN MATERIALS WITH CONTROLLED RETRACTION

FORCE AND METHODS OF MAKING SAME

Supplemental Information Disclosure Statement Pursuant to 37 C.F.R. 1.97(b) Before First Office Action or Within Three Months of Filing Date

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. 1.56 and in accordance with 37 C.F.R. 1.97 et seq., Applicants, through and by their attorneys, hereby wish to direct the Examiner's attention to the documents listed on the modified PTO 1449 Form. A copy of each non-U.S. patent document and of each non-patent document listed on the form is also presented herewith for the Examiner's review and convenience. Cited U.S. patents and U.S. patent application publications are not included in accordance with the U.S. Patent Office waiver of the requirement under 37 C.F.R. 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC 371 after June 30, 2003.

By inclusion of any given document in this Information Disclosure Statement, Applicants in no way admit that such document is effective as prior art against the above-identified application under either 35 U.S.C. 102 or 35 U.S.C. 103.

Additionally, submission of any document is not to be taken as an admission of the materiality of the document to the prosecution of the present application.

The Examiner is requested to review each cited document and personally determine its prior art status.

Applicants recommend that the Examiner conduct an independent search for any and all available material prior art and independently review the results of such search and the documents cited within this Statement.

Applicants request the Examiner, in accordance with 37 C.F.R. 1.97, to indicate and make of record receipt and review of all of these documents by initialing the appropriate box in the accompanying PTO-1449. Applicants request that the undersigned receive a copy of the initialed PTO-1449.

If the Examiner refuses to consider any or all of the herein submitted materials because it is the Examiner's opinion that this Information Disclosure Statement is not in compliance with 37 C.F.R. 1.97, Applicants respectfully request that the Examiner notify the undersigned, in writing, as to the basis of such opinion.

Please charge any prosecutional fees which are due to Kimberly-Clark Worldwide, Inc. deposit account number 11-0875.

| 11-0675. |
|--|
| The undersigned may be reached at: 770-587-8646. |
| Respectfully submitted, |
| Hannong Rhim et al. |
| ву: |
| Steven D. Flack |
| Registration No.: 40,608 |
| CERTIFICATE OF MAILING |
| I, Steven D. Flack, hereby certify that on |
| Stéven D. Flack |



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Examiner:

unknown

| Initial | | Doc. No. | Date | Name | Class | Subclass | Filing |
|-------------|-----|------------|---------|---------------------------|-------|----------|--------|
| | A1 | Re. 35,206 | 04/1996 | Hassenboehler, Jr. et al. | | | |
| | A2 | 3,233,029 | 02/1966 | Rasmussen | | | |
| | A3 | 3,276,944 | 10/1966 | Levy | | | |
| | A4 | 3,383,449 | 05/1968 | Muller | | | |
| | A5 | 3,676,242 | 07/1972 | Prentice | | | |
| | A6 | 3,761,348 | 09/1973 | Chamberlin | | | |
| | A7 | 3,839,240 | 10/1974 | Zimmerman | | | |
| | A8 | 3,844,865 | 10/1974 | Elton et al. | | | |
| | A9 | 3,849,526 | 11/1974 | Muller et al. | | | |
| | A10 | 3,870,593 | 03/1975 | Elton et al. | | | |
| | A11 | 3,880,966 | 04/1975 | Zimmerman et al. | | | |
| | A12 | 4,100,324 | 07/1978 | Anderson et al. | | | |
| | A13 | 4,138,459 | 02/1979 | Brazinsky et al. | | | |
| | A14 | 4,153,664 | 05/1979 | Sabee | | | |
| | A15 | 4,289,832 | 09/1981 | Schwarz | | | |
| | A16 | 4,336,638 | 06/1982 | Mercer | | | |
| | A17 | 4,350,655 | 09/1982 | Hoge | | | |
| | A18 | 4,384,023 | 05/1983 | Okamura et al. | | | |
| | A19 | 4,438,167 | 03/1984 | Schwarz | | | |
| • | A20 | 4,443,513 | 04/1984 | Meitner et al. | | | |
| | A21 | 4,464,815 | 08/1984 | Canterino et al. | | | |
| | A22 | 4,472,328 | 09/1984 | Sugimoto et al. | | | |
| | A23 | 4,563,229 | 01/1986 | Sorez | | | |
| | A24 | 4,590,124 | 05/1986 | Schoenberg | | | |
| | A25 | 4,613,643 | 09/1986 | Nakamura et al. | | | |
| | A26 | 4,663,220 | 05/1987 | Wisneski et al. | | | |
| | A27 | 4,698,372 | 10/1987 | Moss | | | |
| | A28 | 4,701,432 | 10/1987 | Welborn, Jr. | | | |
| | A29 | 4,720,415 | 01/1988 | Vander Wielen et al. | | | |
| | A30 | 4,777,073 | 10/1988 | Sheth | | | |
| | A31 | 4,789,699 | 12/1988 | Kieffer et al. | | | |
| | A32 | 4,818,464 | 04/1989 | Lau | | | |
| | A33 | 4,820,590 | 04/1989 | Hodgson, Jr. et al. | | | |
| | A34 | 4,833,172 | 05/1989 | Schwarz et al. | | | |
| | A35 | 4,867,881 | 09/1989 | Kinzer | | | |

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Hannong Rhim et al.

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Serial No.:

10/647,008

Group:

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Examiner:

unknown

| A36 | 4,877,679 | 10/1989 | Leatherman et al. | |
|---------|-----------|---------|--------------------|---|
| A37 | 4,965,122 | 10/1990 | Morman | |
| A38 | 4,972,522 | 11/1990 | Rautenberg | |
| A39 | 4,981,747 | 01/1991 | Morman | |
| A40 | 4,994,335 | 02/1991 | Kamaei et al. | |
| A41 | 5,073,316 | 12/1991 | Bizen et al. | |
| A42 | 5,116,662 | 05/1992 | Morman | |
| A43 | 5,120,594 | 06/1992 | Mrozinski | |
| A44 | 5,153,254 | 10/1992 | Chen | |
| A45 | 5,169,712 | 12/1992 | Тарр | |
| A46 | 5,204,429 | 04/1993 | Kaminsky et al. | |
| A47 | 5,226,992 | 07/1993 | Morman | |
| A48 | 5,238,623 | 08/1993 | Mrozinski | |
| A49 | 5,242,876 | 09/1993 | Shamshoum et al. | |
| A50 | 5,256,231 | 10/1993 | Gorman et al. | |
| A51 | 5,288,791 | 02/1994 | Collier, IV et al. | |
| A52 | 5,296,184 | 03/1994 | Wu et al. | |
| A53 | 5,304,599 | 04/1994 | Himes . | |
| A54 | 5,332,613 | 07/1994 | Taylor et al. | |
| A55 | 5,336,545 | 08/1994 | Morman | |
| A56 | 5,370,940 | 12/1994 | Hazlitt et al. | |
| A57 | 5,380,313 | 01/1995 | Goulait et al. | |
| A58 | 5,380,578 | 01/1995 | Rautenberg | |
| A59 | 5,395,810 | 03/1995 | Shamshoum et al. | |
| A60 | 5,405,887 | 04/1995 | Morita et al. | |
| A61 | 5,424,025 | 06/1995 | Hanschen et al. | |
| A62 | 5,468,702 | 11/1995 | Jejelowo | |
| A63 | 5,514,470 | 05/1996 | Haffner et al. | |
| A64 | 5,514,634 | 05/1996 | Hagerty et al. | |
| A65 | 5,527,752 | 06/1996 | Reichle et al. | |
| A66 | 5,540,976 | 07/1996 | Shawver et al. | |
| A67 | 5,614,281 | 03/1997 | Jackson et al. | |
| A68 | 5,624,427 | 04/1997 | Bergman et al. | |
| A69 | 5,643,846 | 07/1997 | Reddy et al. | |
| A70 | 5,648,428 | 07/1997 | Reddy et al. | · |
| A71 | 5,651,853 | 07/1997 | Wrigley et al. | |

Applicant(s): Serial No.:

Hannong Rhim et al.

10/647,008

Group:

17584 1771

Filed:

August 22, 2003

Examiner:

Docket No.:

unknown

| A7 | 2 5.0 | 661,096 | 08/1997 | Winter et al. | T |
|----------|----------|---------|---------|-------------------|-------------|
| A7 | | 665,083 | 09/1997 | Igaue et al. | |
| A7 | | 695,376 | 12/1997 | Datta et al. | |
| A7 | -+- | 695,377 | 12/1997 | Triebes et al. | |
| A7 | | 695,868 | 12/1997 | McCormack | |
| A7 | | 733,628 | 03/1998 | Pelkie | |
| A7 | | 735,840 | 04/1998 | Kline et al. | |
| A7 | | 747,405 | 05/1998 | Little et al. | |
| A8 | | 756,580 | 05/1998 | Natori et al. | - |
| A8 | | 758,842 | 06/1998 | Dorfel et al. | - |
| A8 | <u> </u> | 770,531 | 06/1998 | Sudduth et al. | |
| A8 | | 789,065 | 08/1998 | Haffner et al. | |
| A8 | _ | 804,524 | 09/1998 | Reddy et al. | |
| A8 | | 814,390 | 09/1998 | Stokes et al. | |
| A8 | | 846,365 | 12/1998 | Kline et al. | |
| A8 | | 853,638 | 12/1998 | Han | |
| A8 | | 883,028 | 03/1999 | Morman et al. | |
| A8 | | 885,908 | 03/1999 | Jaeger et al. | |
| A9 | <u> </u> | 888,607 | 03/1999 | Seth et al. | |
| A9 | | 900,306 | 05/1999 | Stopper | |
| A9 | | 914,084 | 06/1999 | Benson et al. | |
| A9 | | 928,212 | 07/1999 | Kline et al. | |
| A9 | | 015,764 | 01/2000 | McCormack et al. | |
| A9 | - | 037,417 | 03/2000 | Nguyen et al. | |
| A9 | <u> </u> | 045,900 | 04/2000 | Haffner et al. | |
| A9 | | 072,005 | 06/2000 | Kobylivker et al. | |
| A9 | <u> </u> | 075,179 | 06/2000 | McCormack et al. | |
| A9 | | 096,014 | 08/2000 | Haffner et al. | |
| A3 A1 | <u> </u> | 106,956 | 08/2000 | Heyn et al. | |
| A1 | - | 111,163 | 08/2000 | McCormack et al. | |
| A1 | | 114,024 | 09/2000 | Forte | |
| A1 | | 179,939 | 01/2001 | Jones, Jr. et al. | |
| A1 | - | 190,758 | 02/2001 | Stopper | |
| A1 | - | 242,084 | 06/2001 | Peet | |
| A1 | 06 6, | 265,045 | 07/2001 | Mushaben | |
| A1 | 07 6, | 268,062 | 07/2001 | DeMeuse | |

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Hannong Rhim et al.

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Examiner: unknown

| ſ | 1,,,,, | 10070040 | 00/0004 | I 5 (| | | T | |
|-------|---|---|--|---|-------|----------|-----|----|
| | A108 | 6,270,912 | 08/2001 | Peet | | | | |
| | A109 | 6,309,736 | 10/2001 | McCormack et al. | | | | |
| | A110 | 6,399,531 | 06/2002 | Job et al. | | | | |
| | A111 | 6,444,302 | 09/2002 | Srinivas et al. | | | | |
| | A112 | 6,461,457 | 10/2002 | Taylor et al. | | | | |
| | A113 | 6,475,591 | 11/2002 | Mushaben | | | | |
| | A114 | 6,479,154 | 11/2002 | Walton et al. | | | | |
| | A115 | 6,518,208 | 02/2003 | Terakawa | | | | |
| | A116 | 6,586,354 | 07/2003 | Topolkaraev et al. | | | | - |
| | A117 | 6,706,228 | 03/2004 | Mackay | | | | |
| | A118 | 2003/0071391 | 04/2003 | Brady et al. | | | | |
| | | | Fo | reign Patent Documents | | | | |
| Initi | | Doc. No. | Date | Country | Class | Subclass | Yes | No |
| | A1 | EP 0 068 659 | 01/1983 | Europe | | | | |
| | A2 | EP 0 341 993 | 08/1993 | Europe | | | | |
| - | A3 | EP 0 676 418 | 07/2000 | Europe | | | | |
| | A4 | EP 0 714 351 | | | | | | |
| | A5 | LF 0 / 14 331 | 12/1998 | Europe | | | | |
| | AO | EP 0 747 402 | 12/1998 12/2001 | Europe Europe | | | | |
| | A6 | | | | | | | |
| | | EP 0 747 402 | 12/2001 | Europe | | | | |
| | A6 | EP 0 747 402 EP 1 068 853 | 12/2001 01/2001 | Europe Europe | | | | |
| | A6 A7 | EP 0 747 402 EP 1 068 853 EP 1 091 968 | 12/2001 01/2001 01/2002 | Europe Europe | | | | |
| | A6 A7 A8 | EP 0 747 402 EP 1 068 853 EP 1 091 968 EP 1 216 135 | 12/2001 01/2001 01/2002 05/2003 | Europe Europe Europe | | | | |
| | A6 A7 A8 A9 | EP 0 747 402 EP 1 068 853 EP 1 091 968 EP 1 216 135 EP 1 335 057 | 12/2001 01/2001 01/2002 05/2003 08/2003 | Europe Europe Europe Europe Europe | | | | |
| | A6 A7 A8 A9 A10 | EP 0 747 402 EP 1 068 853 EP 1 091 968 EP 1 216 135 EP 1 335 057 EP 419 742 | 12/2001 01/2001 01/2002 05/2003 08/2003 04/1991 | Europe Europe Europe Europe Europe Europe | | | | |
| | A6 A7 A8 A9 A10 A11 | EP 0 747 402 EP 1 068 853 EP 1 091 968 EP 1 216 135 EP 1 335 057 EP 419 742 EP 432 755 | 12/2001 01/2001 01/2002 05/2003 08/2003 04/1991 06/1991 | Europe Europe Europe Europe Europe Europe Europe Europe | | | | |
| | A6 A7 A8 A9 A10 A11 A12 | EP 0 747 402 EP 1 068 853 EP 1 091 968 EP 1 216 135 EP 1 335 057 EP 419 742 EP 432 755 EP 452,727 | 12/2001 01/2001 01/2002 05/2003 08/2003 04/1991 06/1991 03/1996 | Europe Europe Europe Europe Europe Europe Europe Europe Europe | | | | |
| | A6 A7 A8 A9 A10 A11 A12 A13 | EP 0 747 402 EP 1 068 853 EP 1 091 968 EP 1 216 135 EP 1 335 057 EP 419 742 EP 432 755 EP 452,727 EP 602 613 | 12/2001 01/2001 01/2002 05/2003 08/2003 04/1991 06/1991 03/1996 | Europe | | | | |
| | A6 A7 A8 A9 A10 A11 A12 A13 A14 | EP 0 747 402 EP 1 068 853 EP 1 091 968 EP 1 216 135 EP 1 335 057 EP 419 742 EP 432 755 EP 452,727 EP 602 613 EP 800 808 | 12/2001 01/2001 01/2002 05/2003 08/2003 04/1991 06/1991 03/1996 06/1994 10/1997 | Europe | | | | |

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Group:

1771

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unknown

| | A18 | WO 97/45259 | 12/1997 | PCT |
|---|------|--------------|---------|------------------|
| | A19 | WO 98/02610 | 01/1998 | PCT |
| | A20 | WO 98/04397 | 02/1998 | PCT |
| | A21 | WO 98/05501 | 02/1998 | PCT |
| | A22 | WO 98/05502 | 02/1998 | PCT |
| | A23 | WO 98/29481 | 07/1998 | PCT |
| | A24 | WO 98/29504 | 07/1998 | PCT |
| | A25 | WO 98/48091 | 10/1998 | PCT |
| | A26 | WO 98/51475 | 11/1998 | PCT |
| | A27 | WO 99/14039 | 03/1999 | PCT |
| | A28 | WO 99/14044 | 03/1999 | PCT |
| | A29 | WO 99/14046 | 03/1999 | PCT |
| | A30 | WO 99/37840 | 07/1999 | PCT |
| | A31 | WO 99/47590 | 09/1999 | PCT |
| | A32 | WO 99/49833 | 07/1999 | PCT |
| | A33 | WO 00/69615 | 11/2000 | PCT |
| | A34 | WO 01/00398 | 01/2001 | PCT |
| | A35 | WO 01/12306 | 02/2001 | PCT |
| | .A36 | WO 01/16219 | 03/2001 | PCT |
| | A37 | WO 01/23180 | 04/2001 | PCT |
| | A38 | WO 01/32116 | 05/2001 | PCT |
| | A39 | WO 01/40358 | 06/2001 | PCT |
| | A40 | WO 01/47710 | 07/2001 | PCT |
| | A41 | WO 01/83210 | 11/2001 | PCT |
| - | A42 | WO 02/100207 | 12/2002 | PCT |
| | A43 | WO 03/072338 | 09/2003 | PCT |
| | | | | |
| | | | | |
| | A44 | GB 2 103 537 | 02/1983 | United Kingdom |
| | A45 | GB 2 115 702 | 09/1983 | United Kingdom |
| | A46 | 2001261868 | 09/2001 | Japan (abstract) |
| | A47 | JP 03-192132 | 08/1991 | Japan (abstract) |
| | A48 | JP 62-078214 | 04/1987 | Japan (abstract) |
| | A49 | 07-002922 | 01/1995 | Japan (abstract) |
| | A50 | 08-003203 | 01/1996 | Japan (abstract) |
| | A51 | 08-041118 | 02/1996 | Japan (abstract) |
| | A52 | 08-231625 | 09/1996 | Japan (abstract) |
| | A53 | JP 09-241961 | 09/1997 | Japan (abstract) |
| | | | | |

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unknown

| | A54 | 803,714 | 01/1969 | Canada | | | | ļ <u>.</u> | | | |
|---------|----------------------------------|---|---|-----------------|-------------------|-------------|---------------|------------|----|--|--|
| | | | | Other Docum | ents | _ | | | | | |
| Initial | Author, Title, Date, Pages, etc. | | | | | | | | | | |
| | A1 | Encyclopedi | Encyclopedia of Polymer Science and Engineering, Wiley & Sons, Vol. 10, 211-212, 1987 | | | | | | | | |
| | A2 | INDA (Association of the Nonwoven Fabrics Industry) No. IST-70.4-99, entitled "Standard Test Method for Water Vapor Transmission Rate Through Nonwoven and Plastic Film Using a Guard Film and Vapor Pressure Sensor" | | | | | | | | | |
| | A3 | NRL Report 4364, "Manufacture of Super-Fine Organic Fibers" by V. A. Wente, E. L. Boone and C. D. Fluharty, May 25, 1954 | | | | | | | | | |
| | A4 | NRL Report 5265, "An Improved Device For The Formation of Super-Fine Thermoplastic Fibers" by K.D. Lawrence, R. T. Lukas, J. A. Young | | | | | | | | | |
| | A5 | ASTM D882 159-167, Ap | | Test Method for | Tensile Propertie | s of Thin F | Plastic Sheet | ing", pg: | S. | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with your next communication.

Examiner:

Date Considered: